Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Monday 15 Feb 2021 until 23:59 on Tuesday 16 Feb 2021

Forecast Issued on Monday 15 Feb 2021 at 03:52

Confidence: High for relatively mild and showery, but lowering confidence in the timing and extent of the worst of the conditions from Wednesday onwards.

Headline for Monday 15 Feb 2021: Much milder but murky, with showery rain possible for a time. Strong summit winds.

Mountain weather hazards on Monday 15 Feb 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
Low Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Drizzle	Cloudy	Light rain	Cloudy	Cloudy	Cloudy
Precipitation probability					
30%	20%	60%	20%	20%	20%

Forecast for Monday 15 Feb 2021

Weather: A rather cloudy start to the day with some patchy light rain, mainly across western ranges of the Park. Some showery rain should move through around lunch, after which some limited brighter intervals may develop in th east, athough on the whole it should remain rather cloudy.

Chance of cloud free mountain/hill tops above 600m: 30% in the east during the afternoon, otherwise near-nil.

Visibility: Moderate in early patchy rain and then showers and poor in cloud with bases extensive from 400m.

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Mountain Weather Forecast

Forecast for Monday 15 Feb 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	15/21 S	16/22 S	17/23 S	18/27 SW	17/26 SW	18/26 S	23/35 S
300	4/12 S	4/13 S	9/21 S	11/25 SW	8/22 SW	9/21 S	16/33 S
Valley	4/14 SE	5/16 S	8/20 S	9/23 SW	7/19 SW	8/23 SE	14/33 S

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-2	3/-2	4/-1	6/1	6/1	5/0	5/-1
300	4/2	4/3	7/4	8/5	7/5	7/4	7/3
Valley	6/5	7/5	9/6	9/7	8/7	8/6	8/5
Freezing Level*	1200m	1200m	1400m	1500m	1400m	1400m	1700m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Extensive cloud will make for hazardous navigation conditions, particularly when considered with the strengthening wind.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Mon 15 Feb 2021	8.2mm	8.2mm	8.2mm

Forecast for Tuesday 16 Feb 2021

Weather: Sunshine and isolated light rain showers, though chance of more widespread heavy outbreaks for a time around dawn. Severe windchill at height initially.

Maximum wind: South or southwest mean 35-40mph with gusts reaching 60mph at times across most exposed ridges and summits, gradually easing from mid-morning.

Chance of cloud free mountain/hill tops above 600m: 80%

Visibility: Generally good or very good becoming briefly moderate in showers and poor in cloud with bases lowering 450-650m in and about showers.

Temperature: **Valleys:** Plus 2 Celsius rising 11 Celsius during the afternoon
At 600m: Plus 3-5 Celsius
Freezing level: Above summits

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